

EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)**OCCUPATIONAL EXPOSURE LIMITS :**

Substance listed in EH40/92	Long term (8 Hrs)		Short term (10 min)	
	ppm	mg/m ³	ppm	mg/m ³
Lactic Acid Ethyl Ester	Not assigned by HSE (1) or ACGIH (2)			

PHYSICAL AND CHEMICAL PROPERTIES

Form : Coloured liquid	pH : n/a	Boiling Point: ~154°C
Flashpoint : 61°C	Melting Point : ~ -3 °C	
Vapour Pressure : 1.65 mm Hg @ 20°C	Vapour Density : ~ 4.0 (Air = 1)	
Solubility in Water : Partially soluble in water	Density : Approx. 1.03	
Autoignition Point : ~ 400 °C	Explosive Limits: Lower - 1.6% : Upper - 10.6%	

STABILITY AND REACTIVITY

Chemical reactivity : None

Decomposition products : None

Materials / conditions to avoid : None

TOXICOLOGICAL INFORMATION

LD50 : Acute / oral / rat : > 3000mg/kg

ECOLOGICAL INFORMATIONLactic Acid Ethyl Ester: Readily biodegradable; Bioaccumulation unlikely, hydrolyses in presence of water, acids, basesEC_{50/48h/Daphnia} = 633mg/l; LC_{50/48h/Fish} = 320mg/l; EC_{50/Algae} = 2200mg/lMetal Complex dye : LC_{50/96h/Fish(Cyprinus Carpio)} = 2mg/l**DISPOSAL CONSIDERATIONS**

Consult Local Authority for regulations regarding waste disposal

TRANSPORT REGULATIONS

Proper shipping name : Printing ink, flammable

UN Number : UN1210

IMDG code :

ICAO/IATA class : 3

Marine pollutant :

Packing group : III

IMDG class : 3.2

RID/ADR : ADR Item 5(b)

Hazard warning sign : Flammable Liquid

REGULATORY INFORMATION

CHIP labelling -

Symbol :
St. Andrews Cross

Hazard : Irritant

Risk Phrases:

R41 = Risk of serious damage to eyes

Contains : Lactic Acid Ethyl Ester

Other suggested labelling : Avoid contact with eyes

OTHER INFORMATION

This safety data sheet has been updated to comply with CHIP regulations. The information is based solely on the data provided by the suppliers of the materials used and/or recognised technical sources, not on the mixture itself and is believed to be correct as of this date. No warranty is expressed or implied regarding the accuracy of the data.

Oakbbey Ltd. Unit 1, Springmount Mill, Northgate Rd, Edgeley, Stockport, Cheshire SK3 OJX, UK
Tel: 0161 480 5577. Fax: 0161 480 3993